

Am. Sept. 3rd.

Cincinnati May 29th, 1834.

Dr. Torrey

Dear Sir,

LIBRARY  
NEW YORK  
BOTANICAL  
GARDEN.

I have been a resident of this city about two months, a portion of which time, I have spent in herborizing in the neighbourhood. This region is remarkably similar in its vegetable productions to the central parts of Ohio. I have as yet added but few new species to my herbarium. I am intending about midsummer to make an excursion of a couple of months to the prairies of the Eastern and Northern parts of Indiana. From what I can learn from surveyors and others, I expect

to meet with much that is rich and rare. My principal motive for writing now, is to request you to inform me when your Synopsis of North American plants may be expected: also the size and probable expense of the work. I sent you a package of plants by Mr. Burr, a merchant of Columbus, about the first of last month. I presume you received them in time.

Among the specimens I <sup>have</sup> sent you, I think  
No. 141 is *Betula rubra* (Ohio banks. ~~rare~~ rare.)  
127. *Aspidium bulbiferum*. 143. *Leetrea minor*?  
No 79. has the habit of *Solidago* rather than  
of *Cacalia*. Flowers yellow, root perennial. Grows  
abundantly on a wet prairie two miles south  
of Columbus, the only place where I have  
met with it. No. 122. Aster undescribed. Dr. Short  
informs me that Dr. Boott of London, proposes  
to call it *Aster Shortii*.

When you send me specimens, please  
direct them to Robert Buchanan,  
Cincinnati, and commit them to  
Oliver J. Caldwell

care of J. J. Bunnell & Co  
New York.

Yours truly

J. L. Riddell.

P.S. Mr. Buchanan assures me that  
Mr. Caldwell, will forward a package  
by some private opportunity.  
I mean to send you specimens of a  
better size hereafter.

J. L. R.



*Acalypha virginica.*  
*Salicoides.*  
*Veronica mucinata*  
*Veronica?*  
*Actaea alba*  
*Acteionomeis squarrosa*  
*Adiantum pedatum*  
*Heterocaulis parva*  
*— — — — — flava*  
*Agrostis parviflora*  
*Alisma plantago.*  
*Althaea triflorum*  
*— — — — — cernuum*  
*— — — — — tricoctum*  
*Anemone alba*  
*Ambrosia trifida*  
*— — — — — elatior*  
*Amphelopsis quinquefolia*  
*Astragalus arvensis*  
*Androsmeda amou.*  
*Anemone virginiana*  
*— — — — — deconitifolia*  
*— — — — — nemorosa*  
*— — — — — thalictroides*  
*Angelica trigonata*  
*— — — — — atropurpurea*  
*Apios tuberosa*  
*Atropium cannabinum*  
*— — — — — androscephalum*  
*— — — — — hypericifolium*  
*— — — — — pubescens? R. B.*  
*Aquilegia canadensis*  
*Aralia rhomboides*  
*— — — — — laevigata*  
*— — — — — hirsuta*  
*Aralia spinosa*  
*— — — — — racemosa*  
*Astragalus una-urii (Luk.)*  
*Arenaria peplodes*  
*— — — — — lateriflora*  
*Aristolochia serpentaria*  
*Artemisia botryoides?*  
*Astrum draconium*  
*— — — — — walteri*  
*Asplenium rhytidoloboides*  
*— — — — — pulchra*  
*— — — — — quadrifolia*  
*Aspidium marginale*  
*— — — — — aculeatum?*  
*— — — — — crinale?*  
*— — — — — filix mas*  
*— — — — — Thelypteris*  
*— — — — — asplenoides*  
*— — — — — tenue*  
*Asplenium rhytidophyllum*  
*— — — — — angustifolium*  
*— — — — — ebenum*  
*— — — — — Thelypteris*

*Aster solidaginoides*  
*linariifolius*  
*amygdalinus*  
*nona: anglicae*  
*cyaneus.*  
*diversifolius*  
*paniculatus*  
*corymbosus.*  
*macrophyllus.*  
*prenanthoides*  
*purpureus.*  
*congruoides.*  
*Astragalus galegoides*  
*Atrapa physaloides*  
*B. V. Baptisia alba?*  
*Bidens cernua.*  
*Chrysanthemum*  
*— — — — — bipinnata*  
*— — — — — Doubtful species.*  
*Bigonia radicans.*  
*Bachmeria cylindrica*  
*— — — — — lateriflora*  
*Botrychium fumarioides*  
*Clacalia saenebens*  
*— — — — — reniformis*  
*— — — — — atriplicifolia*  
*Campanula cilioides*  
*— — — — — amplexicaulis*  
*— — — — — americana.*  
*Bardonia virginica.*  
*Carya tomentosa*  
*— — — — — alba*  
*— — — — — rubra*  
*— — — — — amara*  
*— — — — — porcina*  
*Cassia marilandica*  
*— — — — — nictitans*  
*— — — — — chamaecrista*  
*Castanea vesca. D. pumila*  
*Caulophyllum thalictroides*  
*Ceanothus americanus.*  
*Celastrum scandens.*  
*Celtis crassifolia*  
*Cerastium nutans*  
*Ceratophyllum demersum*  
*Cercis canadensis*  
*Chara? vulgaris*  
*Chelone glabra*  
*Chenopodium botrys.*  
*— — — — — rhombifolium*  
*— — — — — anthelminticum.*  
*Chimaphila maculata*  
*Cicuta maculata*  
*Circaea alpina. et latifolia*  
*Clernatis vivana et virginea.*  
*Cleome dioica*  
*Clinopodium vulgare*  
*Cnicus altissimus et glutinosus.*  
*Cochlearia aquatica.*  
*Collinsia verna.*  
*Collinsia canadensis.*  
*Conium maculatum*  
*Convallaria bifolia*  
*— — — — — multiflora, racemosa*

*Convolvulus repens.*  
*— — — — — hirsutus. arvensis.*  
*— — — — — et tenellus?*  
*Corallorhiza (Aphactium) hirsuta.*  
*Crocopus tripteris.*  
*Cornus paniculata, sericea.*  
*— — — — — coccinata, et alba.*  
*Corydalis aurea.*  
*— — — — — formosa. cucullaria (Sut.)*  
*Crataegus, coccinea.*  
*— — — — — pyrifolia, spathulata.*  
*— — — — — apicifolia, cus-culli.*  
*— — — — — glandulosa, latifolia.*  
*Cuscuta mariana.*  
*Cuscuta viscaria.*  
*Cypripedium*  
*— — — — — pubescens.*  
*— — — — — pubescens.*  
*D. latifolia fragaroides.*  
*Delphinium exaltatum?*  
*Dentaria laciniata.*  
*Diervilla canadensis.*  
*Dioscorea villosa.*  
*Dipsacus sylvestris*  
*Discus palustris*  
*Dracaenophyllum*  
*— — — — — virginianum?*  
*— — — — — variegatum*  
*— — — — — violaceum.*  
*Epigaea repens*  
*Epiphegus virginiana.*  
*Equisetum arvense.*  
*— — — — — sylvaticum uliginosum.*  
*Erigeron 6 or 8 species*  
*Eryngium aquaticum.*  
*— — — — — erythroides albidum.*  
*Elaeagnus atropurpureus*  
*— — — — — obtusus.*  
*Eupatorium sessilifolium*  
*— — — — — verticillatum.*  
*— — — — — ageratoides*  
*— — — — — aromaticum?*  
*— — — — — celestem*  
*— — — — — maculatum*  
*Euphorbia corollata. obtusata*  
*— — — — — maculata.*  
*F. Pedicularis radiata.*  
*— — — — — carolinensis.*  
*— — — — — sambucifolia*  
*— — — — — acuminata*  
*— — — — — juglandifolia*  
*— — — — — pubescens.*  
*G. Galium tinctorium. obtusum.*  
*— — — — — aparinum. micranthum*  
*— — — — — pitosium. hispidum*  
*— — — — — triflorum. circosum.*  
*Gaura biennis. mollis*  
*Gentiana saponaria. quin-*  
*— — — — — queflora. crinata.*  
*Geranium maculatum*  
*Gerardia flava. glauca.*  
*— — — — — pedicularis. tenuifolia*

(I discover I must give  
 a list still more partial,  
 or I shall not have room)

HERBA  
 UMB.

TORREY CORRESPONDENCE  
 HERBARIUM  
 COLUMBIA UNIVERSITY.



- Geum virginianum. album.*  
*radiatum. pusillum?*  
*Gillenia stipulacea.*  
*Gleditsia triacanthos.*  
*Gnaphalium americanum.*  
*poliocephalum. virginicum.*  
*Goodenia pubescens.*  
*Gratiola virginica.*  
*Gymnocladus canadensis.*  
*Gymnomia virginica.*  
*Habenaria 3 species.*  
*Hedysarum canadense.*  
*rotundifolium? paniculatum.*  
*strictum. lanigatum.*  
*acuminatum.*  
*Helenium autumnale.*  
*Helianthus trachelifolius.*  
*multis-altissimus. giganteus.*  
*longifolius truncatus.*  
*Heliopsis laevis.*  
*Hesperis pinnatifida.*  
*Hesperis americana.*  
*Hieracium 3 or 4 species.*  
*Houstonia purpurascens.*  
*longifolia.*  
*Hydrastis canadensis.*  
*Hydrophyllum appendiculatum.*  
*virginicum. canadense.*  
*Hypericum pyramidatum.*  
*corimbosum. paniculatum.*  
*prolificum.*  
*Hypericium virginicum.*  
*lanuginosum.*  
*Hypoxis erecta.*  
*Hypoxis (Lupanthus) napeuloides.*  
*Impatiens pubera. pallida.*  
*Ionidium concolor.*  
*Iris versicolor.*  
*Jeffersonia diphylla.*  
*Juglans nigra. cinerea.*  
*Justicia radunculosa.*  
*Kalmia latifolia.*  
*Lemna minor.*  
*Lepidium virginicum.*  
*Leptandra virginica.*  
*Lespedeza capitata. polystachia.*  
*angustifolia. violacea.*  
*divergens.*  
*Liatris squarrosa. spicata.*  
*graminifolia.*  
*Lilium canadense.*  
*Lindernia attenuata.*  
*Linum virginianum.*  
*Liriodendron tulipifera.*  
*Lobelia cardinalis. claytoniana.*  
*Kalmii puberula. repens.*  
*Lonicera flava.*  
*Ludwigia alternifolia.*  
*Lycopodium annotinum.*  
*Lycopus europaeus. virginicus.*  
*Lysimachia ciliata. hybrida.*  
*revoluta. quadrifolia.*  
*Lysimachia hyssopifolia.*  
*Macrotis racemosa.*  
*Magnolia acuminata.*  
*Malva longifolia.*  
*Martynia proboscidea.*  
*Meconopsis diphylla (rare).*  
*Melanthera virginica.*  
*Menispermum canadense.*  
*doubtful species or var.*  
*Monarda lewis. borealis.*  
*Microstylis ophioglossoides.*  
*Minimus alatus. rinceus.*  
*Mitella diphylla.*  
*Mitchella repens.*  
*Monarda echinata.*  
*Monarda didyma. coccinea.*  
*clinopodia fistulosa.*  
*punctata. hirsuta.*  
*Monotropa uniflora.*  
*Morus rubra.*  
*Nelumbium luteum.*  
*(near B. luteum).*  
*Neottia tortilis.*  
*Niphaea advena. sagittifolia.*  
*Nyssa multiflora.*  
*C. Genotheca fruticosa.*  
*muricata. biennis.*  
*Oenothera hispidula.*  
*Osmunda regalis.*  
*Ostrya virginica.*  
*Oxalis stricta. corniculata.*  
*recurva. Lyoni.*  
*Panax trifolium. quinque.*  
*Pasiflora lutea.*  
*Pentstemon sedoides.*  
*Pentstemon pubescens.*  
*Phacelia bipinnatifida.*  
*— pinnatifida.*  
*Phalangium exultant.*  
*Phlox paniculata.*  
*— maculata.*  
*divaricata.*  
*Physma leptostachia.*  
*Physalis viscosa. obscura.*  
*Plantago glabra. cordata.*  
*Platanus occidentalis.*  
*Polygonum.*  
*Polemonium reptans.*  
*Polygala ambigua. zenz.*  
*— ega. purpurea.*  
*Polygonum. aviculare.*  
*erectum. lupulifolium.*  
*punctatum. coccineum.*  
*mitis hirsutum.*  
*pericaria.*  
*Polygonum canadense.*  
*— cordatum.*  
*Polygala vulgaris.*  
*hexagonopterum.*  
*Populus tremuloides.*  
*— lanigata. decurrens.*  
*heterophylla.*  
*Porcellia triloba.*  
*Potamogeton natans.*  
*plutens. pectinatus.*  
*Potentilla canadensis.*  
*hirsuta. norvegica.*  
*Prenanthes serpentina.*  
*virgata. deltoidea.*  
*Prinos verticillatus.*  
*Ptelea tripartita.*  
*Pulsmonaria virginica.*  
*Prenanthes incana.*  
*— virginica.*  
*Pyrola rotundifolia.*  
*Pyrus coronaria.*  
*Quercus imbricaria. discolor.*  
*— pubescens. obtusiloba.*  
*macrocarpa olivacea.*  
*— alba. montana.*  
*castanea. bicolor.*  
*R. Ranunculus flammula.*  
*abortivus. pennsylvanicus.*  
*lanuginosus.*  
*recurvatus. multifidus.*  
*pericularis. vernalis?*  
*Rhus glabra. toxicodendron.*  
*aromaticum.*  
*Ribes hirtellum.*  
*Roselia virginiana.*  
*Rosa blanda. 3 more species.*  
*Rubus occidentalis.*  
*strigosus. trivialis.*  
*Rudbeckia purpurea.*  
*hirta. triloba.*  
*laciniata.*  
*Ruellia strepens.*  
*oblongifolia.*  
*Rumex sanguineus.*  
*Sabbatia angularis.*  
*Sagittaria arifolia.*  
*— hastata. obtusa. virida.*  
*Salix myricoides. patula.*  
*nitellina. rosmarini.*  
*folius.*  
*Salvia claytoni.*  
*Danialus valerandi.*  
*Sanguinaria canadensis.*  
*Sanguisoba canadensis.*  
*Sanicula marilandica.*  
*Saxifraga pennsylvanica.*  
*Schallera graminifolia.*  
*Schrankia uncinata.*  
*(erotic here)*  
*Scrophularia marilandica.*  
*Scutellaria lateriflora.*  
*— cordifolia. ambigua.*  
*— serrata.*  
*Sedum ternatum.*  
*Senecio gracilis.*  
*hieracifolius.*  
*Seseli? divaricatum?*  
*Sisyrinchium angulata.*  
*Sida spinosa. abutilon.*  
*Silene regia. doubtful species.*  
*Silphium perfoliatum.*  
*— atro, purpureum, pinnatifidum.*  
*leucanthaceum.*  
*laciniatum.*



*Dioscorea aurea*?  
*Dioscorea integrifolia*.  
*Dioscorea officinalis*  
*Dioscorea arifolia*  
*Dioscorea latifolia*.  
*Dioscorea tricuspidata*  
*Dioscorea rotundifolia*  
*Dioscorea pseudo-china*, *pedunculata*?  
*Dioscorea alata*, *walteri*, *cincid*?  
*Dioscorea trifolia*  
*Dioscorea cordata*  
*Dioscorea dulcamara*  
*Dioscorea 10 n 12 species*  
*Dioscorea stricta latifolia* &  
*Dioscorea arvensis*.  
*Dioscorea oleracea*.  
*Dioscorea puberula*, *opu*?  
*Dioscorea trifolia lobata*, *arvensis*.  
*Dioscorea sylvatica*  
*Dioscorea trifolia*  
*Dioscorea palustris*  
*Dioscorea*?  
*Dioscorea canadensis*  
*Dioscorea dioica*  
*Dioscorea purpurascens*, *rufescens*,  
*Dioscorea revoluta*, *corniculata*.  
*Dioscorea (Cornus)*  
*Dioscorea umbellata*.  
*Dioscorea virginica*  
*Dioscorea procumbens* &  
*Dioscorea sessile*.  
*Dioscorea grandiflora*.  
*Dioscorea nervosa*, *latifolia*?  
*Dioscorea*  
*Dioscorea perfoliata*  
*Dioscorea angustifolia*  
*Dioscorea americana*  
*Dioscorea*.  
*Dioscorea hirsuta*  
*Dioscorea canadensis*  
*Dioscorea humilis*, *dioica*,  
*Dioscorea canadensis*.  
*Dioscorea coratophylla*  
*Dioscorea perfoliata*  
*Dioscorea grandiflora*.  
*Dioscorea sessilifolia*  
*Dioscorea virgata*  
*Dioscorea corymbosa*.  
*Dioscorea pauciflora*.  
*Dioscorea sibirica*, *viridis*.  
*Dioscorea blattaria*  
*Dioscorea puberula*  
*Dioscorea hirsuta*.  
*Dioscorea praecox*.  
*Dioscorea corymbosa*.  
*Dioscorea arvensis*  
*Dioscorea angustifolia*, *scutellata*,  
*Dioscorea peregrina*  
*Dioscorea puberula*  
*Dioscorea puberula*, *acutifolia*.  
*Dioscorea americana*  
*Dioscorea tridentata*?  
*Dioscorea* (have not looked closely)

*Asteranthura reniformis,*  
*ovalis,*  
*Epilobium palustre*  
*lineare.*



Washington, Sept. 6<sup>th</sup> 1833.

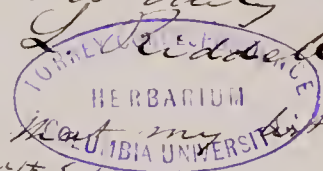
Dr Torrey Dear Sir

Dear Sir

I received your letter last evening, and am much obliged to you for the material assistance you have rendered me. I would thank you to give me some directions respecting the manner in which you prefer to have plants put up; grasses, mosses and lichens in particular. Mention the most eligible size of specimens. I have four or five suits of most of the plants in the list I send you, and the specimens generally are of such a size, that each requires a sheet of foolscap paper. Perhaps you like them larger. *Juniperus* no. 3, grows near Mariella, and I have written to Mr Hildreth, requesting him to save it in its different stages of growth. The tree from which I obtained specimens was 18 or 20 feet in height.

Yours truly  
John L. Riddell

P. S. I omitted to mention that my list corresponds to Edwards Manual 5th Ed.  
Please mention some of the best works which would facilitate the study of Western plants. I should be gratified to know when you intend publishing again.  
J. L. R.



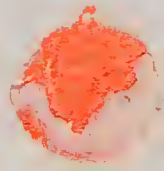
Ans. 9 Nov. 1844

Sept 33

Washington D.C.  
Sept 7

Sept 25

John Torrey M.D.  
Prof in Medical College,  
New York.



J. W. Aldrich

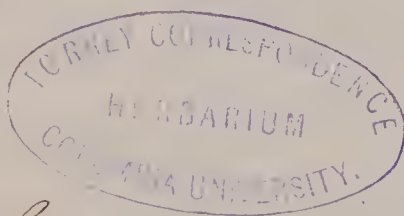


And

Worthington Ohio. 23. Sept. 1893.

Mr Torrey

Dear Sir



I should regret losing the present opportunity, so I send you something at hazard. I shall be obliged to you for names, corrections &c. which you can transmit by mail or by Mr. Spencer, the gentleman who has taken charge of the plants. He will return soon, and I will thank you to send by him a few ferns, if you have them to spare. I have made excursions among the prairies since I wrote you, and could considerably enlarge the catalogue I sent you, if I had time before Mr. Spencer will leave.

Yours truly

John L. Riddell.

New York Oct 9 1833  
As by Mr Middel's request I want to  
inform you that I stop at the  
Morrison House No 5 Courtland St  
where I shall remain for  
2 or 3 days.

Yours

W. S. Spencer

Should you not call for the  
Plants I shall leave them in the  
care of the barkeeper

W. S.

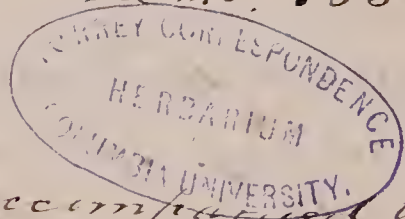


Recd. Jan'y. 9<sup>th</sup> -

Ans'd. Apr. 19<sup>th</sup> -

Dear Sir.

New Orleans, 20<sup>th</sup> Decemb. 1836.



Your letter of Nov. 2<sup>nd</sup>, accompanied with a package of plants, was transmitted to me from Cincinnati by my friend Robert Buchanan. The specimens came uninjured and are very acceptable. I have transferred my residence permanently as I suppose to this city; for besides having private affairs here to see to, which will always require some of my attention I have accepted the professorship of Chemistry in the Medical <sup>College of Louisiana</sup> ~~School~~ established a year or two since. My attention is so engrossed with chemistry that I fear I cannot look over my duplicates before Spring. I will then at partest send you such specimens as I think you desire. Of some of my most interesting plants I have no duplicate specimens. Happy in affording any facility in your great undertaking, I will loan you such specimens, and you may return them at a future time. I now expect that I shall devote most of next season to botanical explorations in these parts, and if health permit I promise myself many a rich treat, with the rarely seen or unknown productions. Of course I shall constantly bear in mind my botanical friend at a distance.

If you can procure some bookseller to send me the 3<sup>d</sup> volume of the Annals of the Lyceum of Nat. Hist. I will remit the pecuniary equivalent to order.

Those published papers which I sent you, were prepared under disadvantages, and in some instances without that care and scrutiny necessary to insure accuracy. I will here mention such errors of importance as have come to my knowledge.

Synopsis Sp. 543. I am satisfied there are only two species of *Resculus* in Ohio. *R. flava* & *R. Ohioensis*. The fruit of *R. Ohioensis* is echinate, that of *R. flava* generally smooth, yet in many instances the latter is somewhat echinate. Four miles below Cincinnati, by the road near a marsh, a tree of *R. flava* <sup>has nuts</sup> ~~is~~ completely armed with spines.

Sp. 669 & 670. I am told are *Acnida*.

Sp. 801. to 804. I am doubtful of my new *Prenanthes*: for I frequently find intermediate specimens, which will answer to none of my descriptions.

Sp. 920. *Solidago Ohioensis*. I sent the plant to you in 1833, not quite mature enough. Mr. VanCleve thinks it is *S. stricta* Ait.

Sp. 921. I sent you this in 1833.

Sp. 1134. I can send you any number of specimens.

Sp. 1367. Synonymous with *Hydrophyllum macrophyllum*, Nutt. Have many specimens.

~~Sp. 1368.~~

During a ramble last summer in the Wyandott reserve, Ohio. I found plenty of a *Habenaria* growing in "Prairie swails," or marshes, which must be new. (When I commenced this paragraph I supposed I could lay my hand on, and copy the description for you.)

Sp. 1800. *Trillium vivide*. I sent you this. Add. peduncles nodding when mature, petals ~~is~~ sometimes striated with delicate pink lines.



It has been found near Springfield in Lincolnton ravine.  
It sometimes grows 6 inches high.

Sp. 1793. & 1794. I believe I can send  
specimens of these Chata.

Supplement.

*Cuculia tuberosa* Nutt.? Root luteous.

Can send you *Helianthus occidentalis*,  
*Scutellaria succulida*, *Slackia cordata* & *glabra*,  
*Aronia latifolia*.

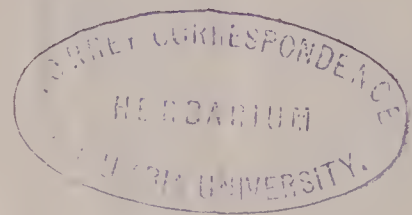
The collections of Dr. Trunk who died  
last fall in this city were sent to Germany.

Yours truly

J. L. Riddell

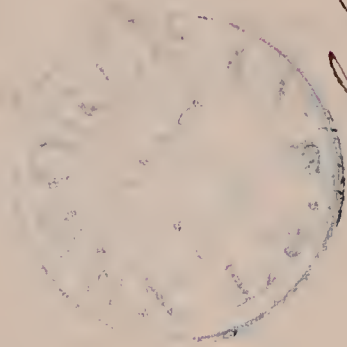
312 Camp St. Corner  
of Bartholomew St.

Dr. John Torrey.

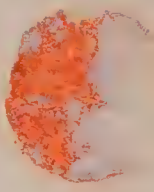


P. S. Books or packages for me may be  
sent to the care of Yorke Brothers, Commission  
Merchants, 65 Camp St.

12  
PAID  
J. J.



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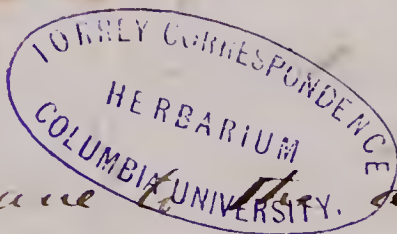


(arr.) July 5<sup>th</sup> 1838

New Orleans October 21. 1838.

Recd Nov. 6

Dear Sir,



Yesterday gave to the agent of the  
Brig Margaret, bound for New York, a considerable  
bundle of dried plants, for Dr. Gray and yourself.  
I shall send the bill of lading to Dr. Gray; - in his  
absence you will do well to call for it on board  
the brig. She leaves this port in less than a week.

Having been kept at home in the early  
part of the season by domestic afflictions, and  
later by the Yellow fever, from which I have  
suffered, I have rambled and collected much less  
than I had promised myself. But as I am  
permanent here, I hope for better fortune another  
year.

I have not yet received the Annals of the  
New York Lyceum. If it has been or should be  
sent by ship, I wish the Cor. Secretary would  
advise me - if by mail. The equivalent I will  
remitt by mail or pay to a bookselling agent here.

Give me the favor to reply by letter, when the  
package of plants comes to hand.

Where is Dr. L. C. Beck? I have sent him  
two packages of Western plants - never heard  
that he received them. Rafinesque's *Flora*  
*Andropogoniana* applies about as much to

China with view to this district.  
Can Michauxia Flora borealis americana, be  
be secured in New York?

Yours truly

J. L. Riddell.

Dr. J. Torrey





New Genus.  
Nat. Ord. Capparidæ.

Sepals 5, lance-linear, acute; petals 5, spatulate, obtuse; stamens 9 to 28, arising from the receptacle, style short, siliqua 2-valved, 2-celled, many seeded.

Root annual, branching and fibrous; stem slightly clothed with a declined pubescence, branching; leaves alternate, distant, oblong and oblong lanceolate, orenate = serrate, usually acute, obliquely sub-truncate at base, rugose, glabrous above, slightly pubescent on the veins and midrib ~~above~~ beneath, from an inch to an inch and a half in length; petioles pubescent, one third as long as the leaves; stipule 2, minute, sub-terete, subulate, hirsute, one on each side the petiole; peduncles much shorter than the petioles, pubescent, having at base 3 minute, reddish, terete, pointed bracts; flowers solitary, seldom in pairs, extra-axillary, opposing the leaves! i. e. The peduncle is attached to the branch at a point nearly opposite the origin of the petiole.

Sepals 5, lance-linear, acute, yellow and purple, and hairy outside, yellow and glabrous inside; petals 5, yellow, glabrous, spatulate, rounded at the end, a little shorter than the calyx; stamens equalling the petals, yellow, arising from the receptacle, and varying in number from 9 to 28; style short, glabrous; pericarp a long linear, sub-terete, pointed, slightly curved, oblately compressed, 2-valved, 2-celled pod, the partition of which is transverse to the plane of dehiscence. Seed numerous, in two rows, cylindrical, truncate, black when mature.

Flowers from July to Oct. grows from 1 to 2 feet high in fields and by way sides, about New Orleans. Herbage mucilaginous. Rabinesque proposes that it should be called Riddellia antiphylla.

Nov. 1838

J. L. RIDDELL, M.D.  
NEW-ORLEANS.

[Cochorus siliquosus!]  
J. J.

